

UGO FINARDI

RESEARCHER

CNR-IRCrES

Consiglio Nazionale delle Ricerche, Istituto di Ricerca sulla Crescita Economica Sostenibile
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<http://www.finardi.it>

Bibliometric indexes

h-indexes: WoS 9; Scopus 10; Google Scholar 12.

Times Cited: WoS 279 (266 w.o. self-citations); Scopus 330 (306); Google S. 804.

CURRENT POSITION

CNR-IRCrES (formerly CNR-CERIS)

Researcher, since September 2012

ACADEMIC APPOINTMENTS, PROFESSIONAL EXPERIENCE (SELECTED)

Italian University National Scientific Qualification for Associate Professorship in Applied Economics
(Italian Scientific Sector SECS-P/06) (obtained November 26th, 2014).

University of Torino, Department of Chemistry

Research Technician

July 2007 – August 2012

University of Torino, Department of Chemistry and Centre of Excellence NIS-Nanostructured Interfaces and Surfaces

Research Grant (Italian “Assegno di Ricerca”)

“The role of Basic Research in the development of nanomaterials for industrial innovation”

April 2005 – March 2007

EDUCATION (SELECTED)

University of Torino, Italy

Ph.D. in Materials Sciences and Technologies: “Best Practices in Technology/Knowledge Transfer and Innovation: the case of Nanotechnologies and Nanosciences” – November 25th, 2008

University of Torino, Italy

M.Sc. (5-years Italian Laurea), Industrial Chemistry.

Professional qualification exam as Chemist

September 1996; Member of the Ordine dei Chimici (Chemists’ Professional Association) of Piemonte and Valle d’Aosta

VISITING PERIODS AT INTERNATIONAL INSTITUTIONS

University of Toronto, Canada

Munk School of Global Affairs

Visiting Professor, May 2014

ACADEMIC AND SCIENTIFIC AFFILIATIONS AND MEMBERSHIPS

CNR, the National Research Council of Italy:

Cybersecurity Virtual lab, Member, since May 2021

CIGRE - Conseil international des Grands Réseaux Électriques/International Council on Large Electric Systems

Member of Working Group D2.54 – Regulatory approaches to enhance EPU's cybersecurity frameworks, since April 2021

COST Action TD1203 - Food waste valorisation for sustainable chemicals, materials & fuels (EUBis)

Member of Working Group 4 – Technical and Sustainability Assessment/Policy Analysis, years 2014 – 2016

University of Torino, Italy

Department of Chemistry

Research Associate, August 2012 – August 2014

CNR-CERIS

Research Associate, June 2010 – July 2012

University of Torino, NIS-Nanostructured Interfaces and Surfaces Centre of Excellence

Technology Transfer delegate, April 2007-March 2009

Member, April 2007 – October 2013

SCIENTIFIC PUBLICATIONS

Scientific works published in International Refereed Journals and Books

1. **U. Finardi**, I. Bianco and S. Rolfo (2022), "*Public Research Organizations and Technology Transfer: Flexibility, Spatial Organization and Specialization of Research Units*" in: "University-Industry Knowledge Interactions: People, Tensions and Impact", J.M. Azagra-Caro, P. D'Este, and D. Barberá-Tomás (Eds.), Springer, ISBN 978-3-030-84668-8 ISBN 978-3-030-84669-5 (e-book), pp. 137-156; <http://dx.doi.org/10.1007/978-3-030-84669-5>; No 52 of "International Studies in Entrepreneurship", Z.J. Acs and D.B. Audretsch (Series editors); ISSN 1572-1922; ISSN 2197-5884 (electronic) (corresponding author)
2. **U. Finardi** and A. Buratti (2021), "The strength of international scientific ties: a novel analysis of inter-Country coauthorship", *Ciência da Informação*, Vol. 50 No. 1, pp. 105-124. <http://revista.ibict.br/ciinf/article/view/5254> (corresponding author)
3. **U. Finardi** and C. Lamberti (2021), "*Diversity and interdisciplinarity in Nanoscience and Nanotechnology: a time-related analysis of the subject category*", *Journal of Nanoparticle Research*, Vol. 23 No. 1, art. n. 7. <https://doi.org/10.1007/s11051-020-05119-8> (corresponding author)
4. C. Lawson, A. Geuna and **U. Finardi** (2021), "*The funding-productivity-gender nexus in science, a multistage analysis*", *Research Policy*, Vol. 50 No. 3, art. n. 104182 <https://doi.org/10.1016/j.respol.2020.104182>
5. **U. Finardi** (2020), "*Innovation and Entrepreneurship*" in "21st Century Nanoscience – A handbook, Public Policy, Education, and Global Trends (Volume Ten, chpt. 1). K. Sattler (Ed.), Taylor & Francis - CRC Press, ISBN-13: 978-0-8153-5709-4 <http://dx.doi.org/10.1201/9780429351631> (**invited contribution**)
6. **U. Finardi** and S.M. Breznitz (2017), "Factors Affecting University Commercialization: Evidence from Italy", *Ekonomiaz*, Vol. 92 No. 2, pp. 222-245. (Special issue "The role of Universities in the Regional Development", E. Uyarra and M. Sánchez-Barrioluengo, Eds.) (corresponding author)
7. **U. Finardi** and A. Buratti (2016), "*Scientific collaboration framework of BRICS Countries: an analysis of international coauthorship*", *Scientometrics*, Vol. 109 No. 1, pp. 433-446. <http://dx.doi.org/10.1007/s11192-016-1927-0> (corresponding author).
8. **U. Finardi** (2015), "Scientific collaboration between BRICS Countries", *Scientometrics*, Vol. 102 No. 2, pp. 1139-1166. <http://dx.doi.org/10.1007/s11192-014-1490-5>.
9. **U. Finardi** and S. Rolfo (2015), "Spin-off creation in a National Research Institution: technological and industrial implications", in "University Evolution, Entrepreneurial Activity and Regional Competitiveness".

D. B. Audretsch, E. E. Lehmann, M. Meoli and S. Vismara, (Eds.), Springer, ISBN 978-3-319-17712-0 ISBN 978-3-319-17713-7 (eBook); <http://dx.doi.org/10.1007/978-3-319-17713-7>; No 32 of "International Studies in Entrepreneurship", Z.J. Acs and D.B. Audretsch (Series editors); ISSN 1572-1922; ISSN 2197-5884 (electronic) (corresponding author).

10. **U. Finardi** (2014), "Nanotechnologies and Nanosciences in Pacific Asia: a comparative study of China, Japan and South Korea scientific production", in: "Nanotechnology: Recent Trends, Emerging Issues and Future Directions", N. Islam (Ed.), Nova Science Publisher, New York, USA, ISBN: 978-1-63117-561-9 (press), 978-1-63117-567-1 (e-book).
11. **U. Finardi** (2014), "Nanosciences and nanotechnologies: Evolution trajectories and disruptive features", in: Nanotechnology: Concepts, Methodologies, Tools, and Applications, Volume 1-3, Pages 1-20, Management Association, I. (Eds.). IGI Global. ISBN: 978-1-466-65125-8. <http://doi:10.4018/978-1-4666-5125-8.ch001>
12. S. Rolfo and **U. Finardi** (2014), "University Third mission in Italy: organization, faculty attitude and academic specialization", The Journal of Technology Transfer, Vol. 39 No.3, pp.472-486. <http://dx.doi.org/10.1007/s10961-012-9284-5> (corresponding author).
13. **U. Finardi** (2014), "On the time evolution of received citations in scientific fields: an empirical study", Journal of Informetrics, Vol. 8 No. 1, pp. 13-24. <http://dx.doi.org/10.1016/j.joi.2013.10.003>.
14. **U. Finardi** (2013), "The Technological Paradigm of Nano Sciences and Technologies: a study of science-technology time and space relations", Economía: teoría y práctica, Vol. 39, pp. 11-29.
15. M. Coccia and **U. Finardi** (2013), "New technological trajectories of non-thermal plasma technology in medicine", International Journal of Biomedical Engineering and Technology, Vol. 11 No. 4, pp. 337-356. <http://dx.doi.org/10.1504/IJBET.2013.055665> (corresponding author)
16. **U. Finardi** (2013), "Correlation between Journal Impact Factor and Citation Performance: an experimental study", Journal of Informetrics, Vol. 7 No. 2, pp. 357-370. <http://dx.doi.org/10.1016/j.joi.2012.12.004>.
17. **U. Finardi** (2013), "Clustering research, education and entrepreneurship: Nanotech innovation at MINATEC in Grenoble", Research-Technology Management, Vol. 56 No. 1, pp. 16-20. <http://dx.doi.org/10.5437/08956308X5601040>.
18. M. Coccia and **U. Finardi** (2012), "Emerging nano-technological research for future pathways of biomedicine", International Journal of Biomedical Nanoscience and Nanotechnology, Vol. 2 No. 3-4, pp. 299-317. <http://dx.doi.org/10.1504/IJBNN.2012.051223> (corresponding author).
19. **U. Finardi** and S. Sprio (2012), "Human bone regeneration from wood: a novel hierarchically organized nanomaterial", International Journal of Healthcare Technology and Management, Vol. 13 No. 4, pp. 171-183. <http://dx.doi.org/10.1504/IJHTM.2012.050617> (corresponding author).
20. **U. Finardi** (2012), "Nanosciences and nanotechnologies: evolution trajectories and disruptive features", in: Disruptive Technologies, Innovation and Global Redesign: Emerging Implications, N. Ekeke and N. Islam (Eds.), IGI Global, Hershey, PA 17033, USA, ISBN 9781466601345, <http://dx.doi.org/10.4018/978-1-4666-0134-5.ch007>.
21. M. Coccia, **U. Finardi** and D. Margon (2012), "Current trends in nanotechnology research across worldwide geo-economic players", The Journal of Technology Transfer, Vol. 37 No. 5, pp. 777-787. <http://dx.doi.org/10.1007/s10961-011-9219-6>, (corresponding author).
22. M. Coccia, **U. Finardi** and D. Margon (2012), "Nano Research Trends of Critical Scientific Fields Across Leading Worldwide Geo-Economic Players and Their Spatial Interactions", in: New Technologies: Trends, Innovations and Research, C. Volosencu (Ed.), InTech, Rijeka, ISBN 978-953-51-0480-3 <http://dx.doi.org/10.5772/34312> (corresponding author).
23. **U. Finardi** (2011), "Time relations between scientific production and patenting of knowledge. The case of nanotechnologies", Scientometrics, Vol. 89 No. 1, pp. 37-50. <http://dx.doi.org/10.1007/s11192-011-0443-5>.
24. G. Centi, G. Cerrato, S. D'Angelo, **U. Finardi**, E. Giamello, C. Morterra, S. Perathoner (1996), "Catalytic behavior and nature of active sites in copper-on-zirconia catalysts for the decomposition of N₂O", Catalysis Today, Vol. 27 No. 1-2, pp. 265-270. [http://dx.doi.org/10.1016/0920-5861\(95\)00197-2](http://dx.doi.org/10.1016/0920-5861(95)00197-2)
25. G. Centi, G. Cerrato, S. D'Angelo, **U. Finardi**, E. Giamello, C. Morterra, S. Perathoner (1995), "Reactivity, stability and characterization of Cu-ZrO₂ catalysts for the decomposition of N₂O in industrial

effluents”, in: Environmental catalysis: for a better world and life, G. Centi, S. Perathoner, C. Cristiani, P. Forzatti, (Eds.), EFCE Publications Series Vol. 112, pp. 175-178. Roma, ISBN 88-86208-02-2.

Scientific works published in National Refereed Journals, Books and Series

1. **U. Finardi**, Rolfo S. & Bianco, I. (2021). Technology Transfer Activities in Universities and Public Research Organizations: A Literature Overview. CNR-IRCrES Working Paper 1/2021. Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2421-7158.2021.001>(corresponding author).
2. **U. Finardi** and A. O. Spinello, (2020). La ricerca in Nanotecnologie e Nanoscienze in Italia: spesa del settore pubblico e aree tematiche prevalenti (Nanotechnologies and Nanosciences research in Italy: public-sector expenditure and prevailing subject areas), CNR-IRCrES Working Paper 11/2020 Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2421-7158.2020.011>
3. **U. Finardi** (2019), “Il sistema piemontese delle nanotecnologie” (“Piedmont’s nanotechnologies system”). Quaderni IRCrES, 4(1), pp. 17-44. Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2499-6661.2019.002>
4. **U. Finardi** (2019), “Le nanotecnologie e le nanoscienze in Piemonte: introduzione teorica e dati” (“Nanotechnologies and Nanosciences in Piedmont: theoretical introduction and data”), Quaderni IRCrES, 4(1), pp. 3-15. Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2499-6661.2019.001>
5. **U. Finardi** (2019), “Research activities in Nanotechnologies and Nanosciences: an analysis of *Piedmont’s nanotech research system*”, CNR-IRCrES Working Paper No. 5/2019. Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2421-7158.2019.05>
6. **U. Finardi** (2019), “Flussi di traffico attraverso il tunnel automobilistico del Frejus: un semplice esercizio di forecasting e alcune considerazioni a margine” (Traffic flows through Frejus Car Tunnel: A simple forecasting exercise and some marginal considerations), CNR-IRCrES Working Paper No. 3/2019. Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2421-7158.2019.003>
7. **U. Finardi** (2018), “La ricerca nelle nanotecnologie in Piemonte: casi di enti pubblici e privati” (“Research on nanotechnologies in Piedmont: public and private bodies cases”), Quaderni IRCrES, 3 (5) 2018, pp. 3-12. Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2499-6661.2018.018>
8. **U. Finardi** (2018), “Nanotechnology patenting in Piedmont: analysis and links with research and industrial environment in the Region”, CNR-IRCrES Working Paper No. 8/2018. Istituto di Ricerca sulla Crescita Economica Sostenibile. doi:10.23760/2421-7158.2018.008
9. **U. Finardi** (2018), “Public research in Nanotechnology in Piedmont (Italy)”, CNR-IRCrES Working Paper No. 5/2018. Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2421-7158.2018.005>
10. **U. Finardi**, I. Bianco (2018), “*The use of Cited Half Life to assess obsolescence evolution in different research domains: an empirical test*”, Quaderni IRCrES, No. 1/2018, pp. 19-31. Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2499-6661.2018.002> (corresponding author).
11. **U. Finardi** (2017), “*Long time series of highly cited articles: an empirical study*”, CNR-IRCrES Working Paper No. 12/2017. Istituto di Ricerca sulla Crescita Economica Sostenibile. (corresponding author), <http://dx.doi.org/10.23760/2421-7158.2017.012>
12. C. Bruno, **U. Finardi**, A. Lorite-Espejo, E. Ragazzi (2016), “Emerging costs deriving from blackouts for individual firms: evidence from an Italian case study”, Quaderni IRCrES, n° 1/2016. Istituto di Ricerca sulla Crescita Economica Sostenibile. (corresponding author).
13. **U. Finardi** (2015), “Nanotechnologies for textiles, fabrics and clothing: an overview of the scientific literature on the topic”, CNR-IRCrES Working Paper No. 3/2015. Istituto di Ricerca sulla Crescita Economica Sostenibile.
14. **U. Finardi** (2014), “Insights on the efficiency of Embodied Knowledge Transfer: results from a localized initiative”, CNR-CERIS Working Paper Series, n° 19/2014. Istituto di Ricerca sull’Impresa e lo Sviluppo. <http://dx.doi.org/10.5281/zenodo.5153383>

15. M. Coccia and **U. Finardi** (2013), "Emerging scientific directions in plasma technology for food decontamination", CNR-CERIS Working Paper Series, n° 3/2013.
16. M. Coccia and **U. Finardi** (2013), "Evolutionary growth of knowledge and new technological directions of non-thermal plasma technology in medicine", CNR-CERIS Working Paper Series, n° 2/2013. Istituto di Ricerca sull'Impresa e lo Sviluppo.
17. M. Coccia and **U. Finardi** (2012), "Groundbreaking technological applications of nanotechnology in biomedicine: detecting emerging pathways from scientific and technological outputs", CNR-CERIS Working Paper Series, n° 7/2012. Istituto di Ricerca sull'Impresa e lo Sviluppo.
18. **U. Finardi** (2011), "Asian tigers in nanotechnology: evolutionary *path of scientific production of People's Republic of China, Japan and South Korea*", CNR-CERIS Working Paper Series, n° 5/2011. Istituto di Ricerca sull'Impresa e lo Sviluppo. <http://dx.doi.org/10.5281/zenodo.5153362>
19. **U. Finardi** (2010), "Temporal and spatial relations between patents and scientific journal articles: the case of nanotechnologies", CNR-CERIS Working Paper Series, n° 7/2010. Istituto di Ricerca sull'Impresa e lo Sviluppo. <http://dx.doi.org/10.5281/zenodo.5153339>
20. M. Coccia, **U. Finardi** and D. Margon (2010), "Research trends in nanotechnology studies across geo-economic areas", CNR-CERIS Working Paper Series, n° 5/2010. Istituto di Ricerca sull'Impresa e lo Sviluppo.
21. **U. Finardi** and G. Vitali (2009) "Il cluster delle nanotecnologie in Piemonte" ("Nanotechnology cluster in Piedmont"), CNR-CERIS Working Paper Series, n° 10/2009. Istituto di Ricerca sull'Impresa e lo Sviluppo.

"*CERIS-CNR Working Papers*" and "*Quaderni IRCrES*" series of monographs undergo double peer review; "CNR-IRCrES Working papers" undergo single peer review. "CERIS-CNR Working Papers" have ISSN 1591-0709 (print), 2036-8216 (online) and are indexed on the RePEc database; "*Quaderni IRCrES*" have ISSN 2499-6955 (print), ISSN 2499-6661 (on line); "*CNR-IRCrES Working papers*" have ISSN 2421-6798 (print), ISSN 2421-7158 (on line).

Books

1. E. Ragazzi (Ed.), A. Stefanini, D. Benintendi, **U. Finardi**, and D.K. Holstein (2020), "EVALUATING THE PRUDENCY OF CYBERSECURITY INVESTMENTS: Guidelines for Energy Regulators", National Association of Regulatory Utility Commissioners (NARUC), under USAID Bureau for Europe and Eurasia Cooperative Agreement #: AID – OAA-A-16-00049, May 2020, available at: <https://pubs.naruc.org/pub.cfm?id=9865ECB8-155D-0A36-311A-9FEFE6DBD077>
2. E. Ragazzi (Ed.), **U. Finardi**, and A. Stefanini (2020), "SUMMARY OF THE MAIN RESULTS OF THE ESSENCE PROJECT", Appendix 2 to "Evaluating the Prudency of Cybersecurity Investments: Guidelines for Energy Regulators", National Association of Regulatory Utility Commissioners (NARUC), May 2020, available at: <https://www.naruc.org/international/news/evaluating-the-prudency-of-cybersecurity-investments-guidelines-for-energy-regulators/>
3. E. Ragazzi (Ed.), **U. Finardi**, and A. Stefanini (2020), "EPRI CYBER SECURITY METRICS", Appendix 3 to "Evaluating the Prudency of Cybersecurity Investments: Guidelines for Energy Regulators", National Association of Regulatory Utility Commissioners (NARUC), May 2020, available at: <https://www.naruc.org/international/news/evaluating-the-prudency-of-cybersecurity-investments-guidelines-for-energy-regulators/>
4. CNR-IRCrES (**U. Finardi**, S. Rolfo, unaccredited authors) (2018), "The innovation guide for Companies in the United Arab Emirates: Towards UAE Vision 2021", United Arab Emirates Ministry of Economy, http://www.economy.gov.ae/Publications/180207 -UAE Innovation Guide_ENG-V12.pdf
5. G. Caputo, C.G. Cortese, F. Emanuel, **U. Finardi**, C. Ghislieri, S. Coluccia (2009), "Nanotecnologie: cosa sono e come ce le immaginiamo - Nanotechnologies: what they are and how we do imagine them", Araba Fenice, Boves 2009. ISBN 978-88-95853-53-6

Contributions in Congress Proceedings – published or online

1. **U. Finardi**, "Nanotechnologies in a local context: an Italian nanotech regional system of innovation", in: Book of abstract Eu-SPRI 2019 Conference "Science, Technology and Innovation Policies for Sustainable Development Goals", Rome, June 5th-7th, 2019, <https://www.euspri2019.it/wp-content/uploads/Eu-SPRI-2019-Book-of-Abstracts.pdf>

2. **U. Finardi**, "Citation trends and scientific fields: an empirical analysis", in "Translational twists and turns: Science as a socio-economic endeavour", Proceedings of STI 2013 Berlin, 18th International Conference on Science and Technology Indicators, Berlin, September 3rd-6th, 2013, pp. 531-535; ISSN 1864-2799
3. **U. Finardi**, M. Coccia, "Evolutionary growth of knowledge and new technological directions of non-thermal plasma technology in medicine", 2013 Eu-SPRI Forum Conference, Madrid, <http://www.eusprimadrid2013.org/pdf/1076.pdf> (currently offline)
4. M. Coccia, **U. Finardi** and D. Margon, "Evolutionary trends in nanotechnology studies across worldwide economic players", EMAEE 2011: 7th European Meeting on Applied Evolutionary Economics, "Evolutionary Perspectives on Technical Change and Industrial Dynamics", Pisa, http://www.lem.sssup.it/WPLem/documents/papers_EMAEE/coccia.pdf
5. S. Coluccia, E. Gianotti, **U. Finardi**, G. Martra, L. Marchese, "Microcrystalline Materials: from Catalysis to Nanocomposites", Proceedings of the 40th IUPAC Congress "Innovation in Chemistry", Beijing, August 14th-19th, 2005

Other non-refereed research works: working papers, technical reports, research reports, web pages.

1. **U. Finardi** (2019). "Linee guida per la realizzazione di un Osservatorio Regionale sulle Nanotecnologie e le Nanoscienze", Rapporto Tecnico CNR-IRCrES, n. 7/2019. <http://dx.doi.org/10.23760/2421-5562.2019.007>
2. C. Lawson, A. Geuna and **U. Finardi** (2019), "Nurturing knowledge? The impact of funding and family on scientific performance", Department of Economics and Statistics "Cognetti de Martiis" Working Paper Series N° 13/19. ISSN: 2039-4004 / LEI&BRICK Working Paper 02/2019
3. G. Vitali (Ed.), I. Benati, G. G. Calabrese, M. Filippi, G. Falavigna, **U. Finardi**, A. Manello, E. Ragazzi, L. Sella (2018), "Lo scenario di contesto per la misura IR2 della Regione Piemonte" ("Context scenario for IR2 Regional action"), research report for IRES Piemonte (Regional Government research centre).
4. E. Ragazzi, **U. Finardi**, L. Sella (2018), "Dinamica inter-temporale e confronti inter-istituzionali" (Time dynamics and inter-institutional comparison), chapter in "Rapporto finale dell'attività di ricerca e valutazione dell'impatto delle misure di riequilibrio di genere previste dalla legislazione vigente in materia di cariche elettive e di governo", Research report for the Department of Institutional reforms, Italian Presidency of the Minister's Council, 2018, <http://www.riformeistituzionali.gov.it/notizie/18042018-rapporto-finale-di-valutazione-dell-impatto-delle-misure-di-riequilibrio-di-genere/>, pp. 57-62
5. **U. Finardi** (2018), "Il riequilibrio di genere nel Parlamento Europeo" (Gender equilibrium in European Parliament), chapter in "Rapporto finale dell'attività di ricerca e valutazione dell'impatto delle misure di riequilibrio di genere previste dalla legislazione vigente in materia di cariche elettive e di governo", Research report for the Department of Institutional reforms, Italian Presidency of the Minister's Council, 2018, <http://www.riformeistituzionali.gov.it/notizie/18042018-rapporto-finale-di-valutazione-dell-impatto-delle-misure-di-riequilibrio-di-genere/>, pp. 53-56
6. G. Falavigna, L. Sella, **U. Finardi** (2018), "Il riequilibrio di genere nelle assemblee regionali" (Gender equilibrium in regional government), chapter in "Rapporto finale dell'attività di ricerca e valutazione dell'impatto delle misure di riequilibrio di genere previste dalla legislazione vigente in materia di cariche elettive e di governo", Research report for the Department of Institutional reforms, Italian Presidency of the Minister's Council, 2018, <http://www.riformeistituzionali.gov.it/notizie/18042018-rapporto-finale-di-valutazione-dell-impatto-delle-misure-di-riequilibrio-di-genere/>, pp. 34-43
7. **U. Finardi** (2015), "Una nota sulla produzione scientifica del CNR", News CNR, March 2015, <https://www.cnr.it/it/news/6023/una-nota-sulla-produzione-scientifica-del-cnr>
8. G. Calabrese, **U. Finardi**, E. Ragazzi (2014), "Cost analysis of standard implementation in the SCADA Systems of electric critical infrastructures", N° 53, CNR-CERIS Technical Report Series, Special ESSENCE series on security standards for critical infrastructures (E.U. CIPS Project "Essence"); Moncalieri, October 2014; ISSN online:2282-5665; http://www.ceris.cnr.it/ceris/rt/RT_53.pdf
9. C. Bruno, G. Abrate, H. Bartoszewicz-Burczy, A. Cortes, A. Diu Masterferr, E. Doheijo, F. Erbetta, G. Falavigna, **U. Finardi**, G. Fraquelli, L. Guidi, A. Lorite-Espejo, V. Moiso, D. Pestonesi, E. Ragazzi, T. Wlodarczyk (2014), "Benefit analysis. Assessing the cost of blackouts in case of attack. Evaluation based on Italian and Polish case studies", N° 52, 2014, CNR-CERIS Technical Report Series, Special ESSENCE series on security standards for critical infrastructures (E.U. CIPS Project "Essence"); Moncalieri, October 2014; ISSN online:2282-5665; http://www.ceris.cnr.it/ceris/rt/RT_52.pdf

10. **U. Finardi**, E. Ragazzi, A. Stefanini (2013), "Considerations on the implementation of SCADA standards on critical infrastructures of power grids", N° 47, 2013, CNR-CERIS Technical Report Series, Special ESSENCE series on security standards for critical infrastructures (E.U. CIPS Project "Essence"); Moncalieri, November 2013; ISSN online:2282-5665; http://www.ceris.cnr.it/ceris/rt/RT_47.pdf.
11. **U. Finardi** (2010), "Mars dusts: morphology, chemistry, possible effects on man-made equipment and their prevention methods", Research Report (confidential), STEPS Project, Piattaforma Aerospazio Regione Piemonte; Torino, September 2010
12. G. Calderoni, **U. Finardi**, G. Ricchiardi (2010), "Overview of ongoing experiments and other activities", Research Report (confidential), STEPS Project, Piattaforma Aerospazio Regione Piemonte; Torino, June 2010
13. G.P. Vitali (Ed.), G. Calabrese, G. Corio, **U. Finardi**, A. Manello, E. Ragazzi, A. Ressico, S. Rolfo, P. Saracco (2008), "Le caratteristiche socio-economiche dei cluster di imprese in Piemonte" ("Socio-economic characters of enterprise clusters in Piedmont"), CNR-CERIS Research Report for Regione Piemonte; Torino, June 2008; http://www.regione.pmn.it/industria/dwd/ceris_cnr.pdf

CONTRIBUTIONS TO CONGRESSES, WORKSHOPS AND SCHOOLS (SELECTED)

1. "Nanotechnologies in a regional context: The case of Piemonte, Italy", **Ugo Finardi**, XLIII Conferenza Scientifica Annuale AISRe – Associazione Italiana di Scienze Regionali 2022 "Città e Regioni in transizione", Milano, Italy, September 5-7, 2022 (accepted, forthcoming)
2. "Policies for women's participation in politics: how to assess gender equilibrium?", **Lisa Sella, Ugo Finardi**, Elena Ragazzi, 61^a Riunione Scientifica Annuale della Società Italiana degli Economisti – Web conference – October 20th – 23rd, 2021
3. "Costs and Benefits of cybersecurity regulation for the power system – The terms of a complex assessment", **Ugo Finardi** and Elena Ragazzi, XLII Conferenza Scientifica Annuale AISRe – Associazione Italiana di Scienze Regionali 2021 "Le sfide dei territori nell'era post COVID" – Web conference, September 8th – 10th, 2021
4. "*Policies for women participation* in politics: assessing different *territorial impacts*", Lisa Sella, **Ugo Finardi** and Elena Ragazzi, 60th ERSA Congress "Territorial Futures – Visions and scenarios for a resilient Europe, Bolzano, Italy, August 24th – 27th, 2021
5. "*An approach to cost definition* for the implementation of cybersecurity in electricity critical *infrastructures*", **Ugo Finardi** and Elena Ragazzi, Critical Infrastructure Protection and Resilience Europe, Milano, Italy, October 14th- 16th, 2019
6. "*An impact assessment of measures for gender rebalancing in local elective assemblies*", **Ugo Finardi**, Elena Ragazzi and Lisa Sella, 59th ERSA Congress, Lyon, France, August 27th-31st, 2019
7. "*Gender rebalancing* in municipal assemblies: an impact *assessment*", **Ugo Finardi**, Elena Ragazzi and Lisa Sella, XL Conferenza Scientifica Annuale AISRe – Associazione Italiana di Scienze Regionali, L'Aquila, Italy, September 16th-18th, 2019
8. "Nanotechnologies in a local context: an Italian Nanotech Regional System of Innovation", **Ugo Finardi**, poster presentation, Eu-SPRI 2019 conference "Science Technology and Innovation Policies for Sustainable Development Goals. Actors, Instruments and Evaluation", Rome, Italy, June 5th-7th, 2019
9. "Links established between public labs and industrial system: an Italian case Study", **Ugo Finardi**, Secondo Rolfo, T2S, Technology Transfer Society Annual Conference 2018, October 17th-19th, 2018, Valencia (E)
10. "*Measures for gender rebalancing in local elective assemblies. An impact assessment on Italian reforms*", **Ugo Finardi**, Elena Ragazzi, Alessandro Manello, XXXIX Conferenza Scientifica Annuale AISRe – Associazione Italiana di Scienze Regionali, September 17th-19th, 2018, Bolzano – Bozen (I)
11. "Links established between public labs and industrial system: an Italian case Study", **Ugo Finardi**, Secondo Rolfo, XVI International Triple Helix Conference 2018, September 5th-8th, 2018, Manchester (UK)
12. "Measures for gender rebalancing in local elective assemblies. An impact assessment on Italian reforms", Elena Ragazzi, **Ugo Finardi**, Alessandro Manello and Lisa Sella, 58th ERSA Congress, August 28th-31st, 2018, Cork (Eire)

13. "Valutare la performance delle norme regionali per il riequilibrio di genere nella rappresentanza politica. Problemi metodologici e proposte analitiche (Evaluation of the performance of the regional norms for gender balance in political delegation. Methodological problems and analytical proposals)", Igor Benati, **Ugo Finardi**, Elena Ragazzi, XXI Congresso nazionale dell'AIV – Associazione Italiana di Valutazione, L'Aquila (I), April 5th-7th, 2018
14. "The Funding-Productivity Nexus in Science: Family and Other Sources of Endogeneity", Aldo Geuna, Cornelia Lawson, **Ugo Finardi**, Royal Economic Society Annual Conference 2018, University of Sussex (UK), March 26th-28th, 2018
15. "The Funding-Productivity Nexus in Science: Family and Other Sources of Endogeneity", Aldo Geuna, Cornelia Lawson, **Ugo Finardi**, BETA research workshop "Economics of Science and Innovation", October 16th-17th, 2017, Strasbourg (F), Faculty of Economics and Management, BETA (Bureau d'Economie Théorique et Appliquée)
16. "Competitive funding, gender and teaching: scientists' productivity at a top Italian university", Aldo Geuna, Cornelia Lawson, **Ugo Finardi**, Druid 2017, New York (USA), June 12-14, 2017
17. "Development of a new open source research infrastructure network for agricultural data sharing", S. Abbà, M. Vallino, M. Ciuffo, P. Caciagli, G. Birello, A. Perin, I. Bianco, **U. Finardi**, poster contribution to EFSA/EPPO Joint Workshop "Data collection and information sharing in plant health", Parma (Italy), April 1st – 3rd, 2014
18. "Spin-off creation in a National Research Institution: technological and industrial implications", U. Finardi, S. Rolfo, Technology Transfer Society (T²S) 2013 Annual Conference "Technology Transfer, Entrepreneurial Activity and Regional Competitiveness", Bergamo (Italy), November 8th-9th, 2013
19. "Evolutionary growth of knowledge and new technological directions of non-thermal plasma technology in medicine", U. Finardi, M. Coccia, 2013 Eu-SPRI Forum Conference "Management of Innovation Policies", Madrid (Spain), April 11th-13th, 2013
20. "Nanotechnologies in Pacific Asia: scientific production of People's Republic of China, Japan and South Korea", **U. Finardi**, Eu-SPRI Conference "Path - breaking innovation. Understanding, managing and providing support for continuous radical change in science and innovation", Milan, (Italy), Politecnico di Milano, June 27th-29th, 2012
21. "Organizational and behavioural differences in Technology Transfer between generalist and specialized universities", **U. Finardi**, S. Rolfo, Technology Transfer Society (T²S) Meeting "Technology Transfer in a Global Economy", Augsburg (Germany), University of Augsburg, September 21st-23rd, 2011
22. "Il cluster delle nanotecnologie in Piemonte" ("Nanotechnology cluster in Piedmont"), **U. Finardi**, G. Vitali, 22nd Congress of the Italian Regional Sciences Association, "The role of towns in knowledge economy", Turin (Italy), Politecnico di Torino, September 15th-17th, 2011
23. "Time-space analysis of scientific citations in patents: science-innovation links in the nano-technological paradigm", **U. Finardi**, 6th Annual Conference of the EPIP Association "Fine-Tuning IPR debates", Brussels (Belgium), ULB - Université Libre de Bruxelles, September 8th-9th, 2011
24. "Evolutionary trends in nanotechnology studies across worldwide economic players", M. Coccia, **U. Finardi** and D. Margon, EMAEE 2011: 7th European Meeting on Applied Evolutionary Economics "Evolutionary Perspectives on Technical Change and Industrial Dynamics", Pisa (Italy), Sant'Anna School of Advanced Studies, February 14th-16th, 2011
25. "Science and technology offer in Piedmont: potentialities and perspective in Technology Transfer from Public Research to Innovation", **U. Finardi**, "PRIME Winter School on Emerging Nanotechnologies", Grenoble (France), February 4th-9th, 2008.
26. "Science and Technology in Piedmont: from Public Research to innovation" (poster), **U. Finardi**, "PRIME Winter School on Science and Technology Indicators in the Move Towards the ERA", Rome (Italy), CNR-CERIS, November 5th-9th, 2007

Presenter of the paper is underlined

COLLABORATION IN RESEARCH PROJECTS (EITHER FORMAL OR PRO-BONO)

- “The effects of evaluation on academic research: knowledge production and methodological issues”, Italian PRIN (Progetto di Ricerca di Interesse Nazionale) N° 2017NKWYFC: researcher, August 2019 – July 2022
- “Development of Cybersecurity Tariff Guidelines”: research project financed by NARUC (National Association of Regulatory Utility Commissioners USA) and by USAID on tariffs and regulations guidance for Black Sea Electric Power regulators cybersecurity issues: researcher, September 2018 – December 2019.
- “Le Nanotecnologie in Piemonte: studio per la creazione di un osservatorio operativo regionale” (“Nanotechnologies in Piemonte: a study for the creation of a regional operative observatory” (project financed by Fondazione CRT - Cassa di Risparmio di Torino): project leader, September 2017 – June 2019.
- “Valutazione dell’impatto delle misure di riequilibrio di genere previste dalla legislazione vigente in materia di cariche elettive e di governo” (Evaluation of the impact of gender equilibrium norms in the electoral legislation), project financed by Dipartimento per le Riforme Istituzionali della Presidenza del Consiglio dei Ministri (DRI) - Department of Institutional reforms, Italian Presidency of the Minister’s Council): researcher, October – December 2017
- “RITMARE” CNR Flagship project: researcher, September – December 2015.
- “BENTHIS - Benthic ecosystem fisheries Impact Study” (FP7-KBBE): researcher, September – December 2015.
- Progetto Premiale CNR “Fabbrica del Futuro”: researcher, years 2015-2016.
- FA COST Action TD1203 “Food waste valorisation for sustainable chemicals, materials & fuels (EUBis)”: component of Work Group 4 “Technical and Sustainability Assessment/Policy Analysis”, years 2014 – 2016.
- “Modelli di collaborazione con le industrie e mappa delle competenze tecnologiche CNR” (“Models of Collaboration with Industries and layout of CNR technology expertise”), research project financed by CNEL (National Italian Council for Economics and Work): senior researcher, years 2013-2015.
- “FM-Biased - Formal Methods: Business Impact of Application to SEcurity relevant Devices” (EU CIPS Programme): researcher, years 2013 – 2015.
- “ESSENCE - Emerging security standards to the EU Power Network Controls and other Critical Equipment” (EU CIPS Programme): researcher, years 2012 – 2014.
- “SMAT F1-Sistema di Monitoraggio Avanzato del Territorio”, (Advanced Territory Monitoring System) (Financed by Aerospace Technological Platform of Regione Piemonte): researcher, years 2010 – 2012.
- “STEPS-Sistemi e Tecnologie per l’Esplorazione Spaziale”, (Systems and Technologies for Space Exploration) (Financed by Aerospace Technological Platform of Regione Piemonte): researcher, years 2010 – 2012.
- Collaborative project between Environment Park Torino - University of Torino - University “Hassan II” of Settat (Morocco) (financed by Regione Piemonte): management attaché, researcher, years 2007 – 2008.
- “Nanomate – Innovation through Nanotechnologies” (Technology Transfer project funded by Regione Piemonte via E.U. Funds): member of the Operational Committee (Delegate of the Department of Chemistry, University of Torino), years 2007 – 2008.
- “NIS-Centre of Excellence” (research centre project financed under Italian Government project financing “COFINLAB 2001”): research grand holder, Technology Transfer delegate, years 2005 – 2007.

OTHER RESEARCH COLLABORATIONS

- Trustech Srl, Torino: production of a report on nanotechnologies in Piedmont for CEIP – Centro Estero per l’Internazionalizzazione, November 2009
- ITP – Invest in Turin and Piedmont, Torino: production of a report on nanotechnologies in Piedmont, January-February 2005

SCHOOLS AND COURSES ATTENDED

“PRIME Winter School on Emerging Nanotechnologies”, Grenoble (France), February 4th-9th, 2008.

“PRIME Winter School on Science and Technology Indicators in the Move Towards the ERA”, Rome (Italy), CNR-CERIS, November 5th-9th, 2007

APPOINTMENTS, GRANTS, AWARDS AND SCHOLARSHIPS

June 2018, COST Association: Appointed as Independent External Expert in the evaluation of proposals

May 2014, CNR Short Term Mobility Program “Hi-tech clusters and University Technology Transfer: theoretical approach and industrial implications”: scholarship awarded for a visiting professorship at Munk School of Global Affairs, University of Toronto, Canada (official CNR Project).

AD-HOC REVIEWER

- Health Policy and Technology.
- Innovation: The European Journal of Social Science Research.
- International Journal of Automotive Technology and Management.
- International Journal of Educational Development.
- International Journal of Entrepreneurship and Innovation Management.
- International Journal of Healthcare Technology and Management.
- International Journal of Public Administration.
- International Journal of Services Technology and Management.
- International Journal of Technology Management.
- JASIST - Journal of the Association for Information Science and Technology.
- Journal of Contemporary African Studies.
- Journal of Informetrics.
- PLOS One.
- R&D Management.
- Research Policy.
- Science & Public Policy.
- Scientometrics.
- Structural Change and Economic Dynamics.
- Technological Forecasting & Social Change.
- Technology Analysis & Strategic Management.
- Technology in Society.

ORGANIZATION OF CONFERENCES AND SEMINARS

NIS – Centre of Excellence congress series “NIS Colloquia”: managing attaché, years 2005 – 2006 – 2007 (for a total of 20 1- and 2-days congresses).

VIII AIZ Congress, National Conference on Science and Technology of Zeolites, Turin, July 1st - 4th, 2007: member of the Local Organizing Committee

ACTIVITIES AS A SCIENTIFIC JOURNALIST AND SCIENCE WRITER

Freelance professional journalist, admitted in 2009 as a member of the National Association of Journalists; scientific journalist, admitted in 2010 as a member of UGIS, Italian Union of Scientific Journalists.

Steady and occasional collaborations (articles and columns) with national and regional newspapers and magazines: columnist for the magazine "Giovani Genitori" from 2006 to 2016; past collaborations with "Tuttoscienze - La Stampa", "L'Indice dei libri del mese"; author of books and book chapters.

Scientific popularization books and book chapters

U. Finardi, "Cosa sono le nanotecnologie?", Editorial Intangibile, Valencia (ES) 2012.

ISBN 978-84-939568-3-7

(spanish translation: "¿Qué son las nanotecnologías?", ISBN 978-84-939568-4-4) (ebook)

U. Finardi, "Cosa è il Trasferimento Tecnologico?" Editorial Intangibile, Valencia (ES), 2012.

ISBN 978-84-939568-6-8

(spanish translation: "¿Que es la transferencia tecnologica?", ISBN 978-84-939568-7-5) (ebook)

G. Rigamonti and **U. Finardi**, "Per ridurre la coca alla fonte, lavorare la terra in sintonia con la foresta", in "Un mare di coca", S. Calvani (Ed.), In Dialogo, Milano 1998, ISBN 88-8123-099-2

U. Finardi, "Dalla foglia di coca alla cocaina", in: "L'altra faccia della coca", AA.VV., Ed. Arti Grafiche San Rocco, Grugliasco (TO), 1998

LINGUISTIC SKILLS

Mother language: Italian; proficient in English; independent in spoken French

Qualifications: The Trinity College of London, GESE (Graded Examinations in Spoken English) - level 9 (intermediate top level) – year 1994